

Indiana Department of Environmental Management
Office of Land Quality
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Indianapolis, IN 46206-6015
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ASBESTOS HANDLING AND DISPOSAL REQUIREMENTS

This is intended to help identify existing state and federal regulations pertaining to the removal, handling, and disposal of asbestos waste materials. Specific regulations have only been summarized, therefore, consultation of applicable standards is necessary.

Indiana Department of Labor (IDoL) is concerned with protection of employees from airborne asbestos in the workplace. The Office of Air Management (OAM) has requirements concerning the air management hazard in the atmosphere, and the Office of Land Quality (OLQ) has requirements for the proper land disposal of asbestos waste.

Indiana Department of Labor

IDoL's applicable regulations are found in the Federal Register in Title 29, Code of Federal Regulations (CFR), Construction Section 1926.1101. Briefly, it states:

1. An appropriate combination of approved respiratory protection and wet methods shall be used to prevent employees' exposure to airborne asbestos above the permissible limits.
2. Where airborne asbestos concentration limits are exceeded, special clothing shall be provided.
3. Personnel and environmental air monitoring shall be conducted at the required frequencies with the proper methods of measurement and all records maintained.
4. Work sites shall be posted with the appropriate warning signs and similar labels used on any asbestos materials, including wastes.
5. All surfaces shall be cleaned of accumulated asbestos debris.
6. Applicable medical requirements shall be met and records maintained.

Free on-site consultative service is available from the Director, Bureau of Safety and Education, and Training, IDoL, 317/232-2688.

Office of Air Management

The Asbestos Emission Standards for Demolition and Renovation Operations for the Office of Air Management (OAM) are covered in Indiana Rule 326 IAC 14-10. Additional Federal asbestos NESHAP requirements are covered in the Federal Register in Title 40 CFR 61, Subpart M (as amended November 20, 1990). Briefly, they are:

1. Written notification of intention to demolish or renovate shall be provided to OAM prior to commencement of the project by the owner or operator. The attached form **must** be used to meet notice requirements according to the notification schedule indicated in the rule and specified in the instructions for completing the form.

(See attached notification schedule and state
required demolition/renovation notification form)

2. The main work practices that follow shall be used to prevent emissions of particulate asbestos material to the outside air:
 - a. Friable asbestos-containing materials shall be removed from a facility being demolished or renovated before any wrecking or dismantling takes place;
 - b. Friable asbestos-containing materials shall be adequately wetted to prevent emissions to the outside air;
 - c. After wetting, **all** asbestos-containing waste material shall be sealed in leak tight packaging while wet and shall be labeled and disposed of properly;
 - d. For any stripped or removed friable asbestos-containing materials that are left at the facility or stored elsewhere prior to disposal, store such material in a secure manner so that it cannot be vandalized or otherwise disturbed.
 - e. Asbestos projects implemented in most Indiana facilities **must** be implemented by asbestos contractors licensed/accredited by OAM.

Any questions should be addressed to: Mr. Frank Profit at 317/232-8416; or Mr. Dan Lamberson at 317/233-4385.

Indianapolis Air Pollution Control Division

Indianapolis Air Pollution Control Division (IAPCD) must be notified and permits obtained for asbestos projects in Marion County. Permits are not required for owners doing the work themselves on single family residences, but IAPCD still must be notified.

Any questions should be addressed to: Mr. Terry Wilbur at 317/327-2285.

Office of Land Quality

NOTE: OSHA and NESHAP classify transite-type siding as nonfriable. However, this brittle material may release asbestos when broken. Because of this, OLQ requires transite to be labeled and covered with a minimum of 6 inches of soil or solid waste before compaction at the disposal facility.

Resilient floor coverings (including associated mastic) and asphalt-based siding and roofing shingles containing asbestos that are in **good condition** (nonfriable) may be disposed at a construction/demolition (C/D) site or a permitted municipal solid waste landfill (MSWLF) as solid waste. No bagging, labeling, special handling, permits, or additional fees are required by this Office. However, this Office strongly encourages disposing of these materials at a permitted municipal solid waste landfill (MSWLF) since these facilities have operational requirements which decrease the probability of causing a public health or environmental threat.

LABELING AND PACKAGING REQUIREMENTS

The required leak tight packaging may be comprised of multiple layers. Asbestos containing material may be placed in labeled, air-tight drums of metal, plastic or fiber.

Labels may be hand-written as long as they are legible and the required wording is used. The labels that must be on each container are as follows:

1. Generator/Operator Label:
 - a. Name
 - b. Address of the work site
 - c. Telephone number
2. Occupational Safety and Health Administration (OSHA) Label which states
*(Not Required of Homeowners)

DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

3. Department of Transportation (DOT) markings which states:
*(Not Required of Homeowners)

R.Q. Asbestos, NA2212

Please refer to current Federal asbestos NESHAP regulations regarding specific labeling requirements.

An Asbestos Waste Shipment/Disposal Record shall accompany each load for disposal. This form, including instructions, is included in this handout. The DOT description and an emergency response phone number should be included in this record. Space has been provided on the form for an emergency response phone number as required by DOT.

Waste Disposal Sites (WDS) receiving asbestos are required to complete their portion of the Asbestos Waste Shipment/Disposal Record. One copy of this record must be retained by the WDS and a second copy must be sent to the generator/operator listed in the record.

If the WDS notes and is unable to resolve any discrepancies between the Asbestos Waste Shipment/Disposal Record and the ACM sent for disposal, the WDS must write to OAM's Asbestos Section within 15 days explaining the nature of the discrepancy. The WDS must include a copy of the shipment/disposal record and information regarding the actions that have been taken to resolve the discrepancy.

*(Homeowners, doing the work themselves, are not regulated by DOT or OSHA).

ASBESTOS WASTE SHIPMENT/DISPOSAL RECORD

instruction on other side

1. REMOVAL PROJECT LOCATION Name: Mailing Address: Location Phone:		<u>GENERATOR</u>	2. OWNER Name:	
3. OPERATION/CONTRACTOR Name: Mailing Address: Phone: Phone:		4. AUTHORIZED AGENT Name:		
5. WASTE DISPOSAL SITE (WDS) Name: Mailing Address: Location: Disposal Site Operator: Phone: Number Type Cu ft., Cu Yds., Lbs., Tons		6. RESPONSIBLE AGENCY Address:		
7. DESCRIPTION: R. Q. ASBESTOS, NA2212 SHIPPING NAME: R. Q. ASBESTOS, 9, NA2212, P.G. III		8. CONTAINERS	9. TOTAL QUANTITY	

10. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION**EMERGENCY RESPONSE PHONE NUMBER:****11. OPERATOR'S CERTIFICATION**

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

Name (printed or typed)	Title	Signature	Date (MM/DD/YY)
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12. <u>TRANSPORTERS</u> (acknowledgement of receipt of materials)			
TRANSPORTER # 1 Name: Mailing Address: Phone: Phone:		TRANSPORTER # 2 Name:	
Name (printed or typed) Title		Name (printed or typed) Title	
Signature Date (MM/DD/YY)		Signature Date (MM/DD/YY)	
<u>WASTE DISPOSAL SITE</u>			
13. DISCREPANCY INDICATION SPACE			
14. CERTIFICATION OF RECEIPT I hereby certify that the above named material has been accepted and that to the best of my knowledge the foregoing is true except as noted above.			
Name (printed or typed) Title Signature Date (MM/DD/YY)			

INSTRUCTIONS

NOTE: THIS FORM FULFILLS BOTH FEDERAL AND STATE NOTIFICATION REQUIREMENTS FOR DISPOSAL OF ASBESTOS CONTAINING WASTE MATERIAL.

1. Enter the name and address of the *facility* at which asbestos waste is generated.
2. Enter the name of the *owner* of the facility, and the name and phone number of a contact person.
3. Enter the name, address, and phone number of the *company* responsible for performing the asbestos removal.
4. Enter the name and phone number of the *authorized agent* of the company responsible for performing the asbestos removal.
5. Enter the name, address, physical site location, disposal site operator, and phone number of the *waste disposal site*. Enter "on-site" if the waste will be disposed of on the generator's property.
6. Provide the name and address of the local, state, or EPA regional office responsible for administering the asbestos *NESHAP program*. For Indiana, the *responsible agency* is: **Indiana Department of Environmental Management, Office of Air Management, P.O. Box 6015, 100 N. Senate Avenue, Indianapolis, IN 46206-6015, Phone # 317/232-8373.**
7. Indicate the types of asbestos waste materials generated. If from a demolition or renovation, indicate the amount of asbestos that is *Friable* and *Nonfriable*.
8. Enter the number of *containers* used to transport the asbestos materials listed in item 8. Also enter one of the following container codes: DM (metal drums/barrels), DF (fiber drums/barrels) DP (plastic drums/barrels), BA (6 mil plastic bags/wrapping). If none of these apply, specify what was used in transporting each type of asbestos material.
9. Enter the *quantities* of each type of asbestos material removed in units of cubic feet, cubic yards, pounds, or tons. Indicate which units are used.
10. Enter any *special transportation, treatment, storage, disposal, or Bill of Lading* information. If an *alternate waste disposal site* is designated, note it here. Emergency response telephone numbers or similar information may be noted here.
11. Enter the name and title of the *authorized agent* of the waste generator who must then read, sign, and date this certification. The date is the date of receipt by the transporter.

NOTE: THE GENERATOR MUST RETAIN A COPY OF THIS FORM. IF A COMPLETED COPY IS NOT RECEIVED WITHIN 35 DAYS OF ACCEPTANCE OF THE WASTE BY THE INITIAL TRANSPORTER, THE TRANSPORTER AND/OR THE WDS MUST BE CONTACTED. IF A COMPLETED COPY IS NOT RECEIVED WITHIN 45 DAYS, A WRITTEN EXCEPTION REPORT MUST BE SENT TO THE RESPONSIBLE AGENCY.

12. Enter the name, address, and telephone number of each *transporter* used (if applicable). Print or type the full name and title of the person accepting responsibility and acknowledging receipt of materials as listed on this waste shipment record for transport. The responsible party must then sign and date the document. The date is the date of receipt.
13. The authorized representative of the *waste disposal site* (WDS) must note here *any discrepancy* between waste described on this manifest and waste actually received (i.e. number of containers listed different from number received, or improperly enclosed or contained waste). Any rejected materials should be listed and destination of those materials provided. A site that converts asbestos-containing waste material to non-asbestos material is considered a WDS. **NOTE:** The WDS should contact the generator to determine the reason for any discrepancies noted and include the reasons in this section. If a reasonable explanation is not found within fifteen (15) days, the WDS must send a written discrepancy report to the *responsible agency*. If significant amounts of improperly enclosed waste is discovered, the WDS must file a written report describing the problem to the *responsible agency* within one (1) working day. If the *responsible agency* at the generator site is different from that at the disposal site, any reports must go to both agencies.
14. Enter the name and title of the *authorized agent* of the WDS who must then sign this document as an indication of his or her acceptance and agreement with statements on this manifest except as noted in item 14. The date is the date of signature and receipt of shipment.

NOTE: THE WDS MUST RETAIN A COMPLETED COPY OF THIS FORM AND SEND A COMPLETED COPY TO THE OPERATOR LISTED IN ITEM THREE (3) AND THE GENERATOR LISTED IN ITEM (2) WITHIN THIRTY (30) DAYS OF THE ACCEPTANCE OF THE WASTE BY THE INITIAL TRANSPORTER.